Customer service is first priority

SDLG focuses on delivering outstanding customer service throughout a machine's life cycle.Its integrated service management system monitors and analyzes the machine's functions to ensure that it is working at optimum capacity, while service alerts notify customers about forthcoming maintenance checks. SDLG's attention to detail is one of the ways it continues to be the industry's No. 1 in terms of customer service satisfaction.

Value-added service

SDLG's aftercare promise guarantees high quality service and offers experts who are on-hand to answer any questions or to solve problems. SDLG's service team uses advanced technology to support its maintenance checks in the field. Moreover, it aims to work with customers to define an efficient business solution.

Global service network

SDLG's worldwide service and spare parts network provides fast, efficient and professional round-the-clock service, anytime, anywhere. SDLG exceeds customers' expectations.

http://sea.sdlg.com

Reliability in Action

L958F

Wheel Loader

Special Type for Mine

L958F Wheel Loader

L958F is the long wheelbase, energy-saving and high-end loader launched by SDLG, which has brand new appearance, high-end configuration, good stability and strong durability. This product has large breakout force and tipping load, featuring good stability, which is widely used in mining, heavy-load spading, stripping of original soil and other heavy-load conditions.

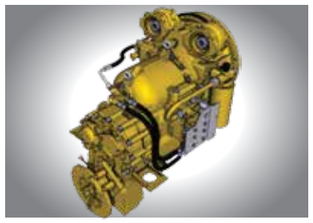
Reliability

Wheel base is increased to 3300mm to make it suitable for operation under heavy industrial and mining environment such as mines.

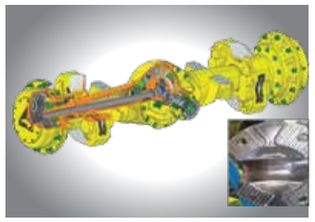
Weichai engine (two-stage) is adopted to realize large torque, strong power, low oil consumption, high quality and low emission. Dalian Deutz BF6M series engines is optional.

It is equipped with 93-type sand and dust filter with primary filtration accuracy up to over 93%; it is safe and reliable, and more suitable to sandy and dusty working condition.

VRT200 gearbox is adopted with comprehensive efficiency increased by over 8% and front four and rear four electrohydraulic control shifts are employed with KD function and power cutoff and shift interlocking function, thus realizing high transmission efficiency, stable and easy operation.



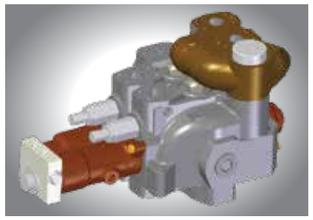
Reinforced drive axle with strengthened structure and rational load distribution are adopted to realize larger bearing capacity, high reliability, and prolonged service life, which has been proven by the market. The front transmission shaft is fitted with end face teeth and the cross axle diameter is increased to improve the overall strength and transmission torque, thus ensuring longer service life and higher reliability.



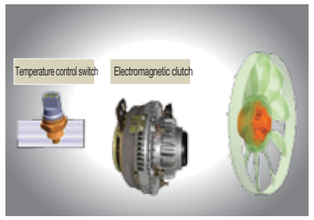
Steel engine hood produced using automotive grade molds is adopted. It adopts the streamlined structure with surface welded points removed, making it look attractive and magnificent. The molded counterweight employs a more powerful shape to provide high reliability and strength.

Energy-saving

Parker KM300 multiway valve is adopted resulting in smoother and more accurate composite actions, large flow, high pressure and high efficiency.



Intelligent control cooling system is adopted to reduce energy consumption and ensure optimal working temperature of the entire machine.



Comfort

Brand new appearance cab with wide view is adopted to provide a comfortable, highly efficient operation environment.

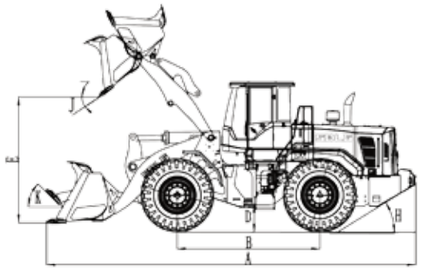
Convenience

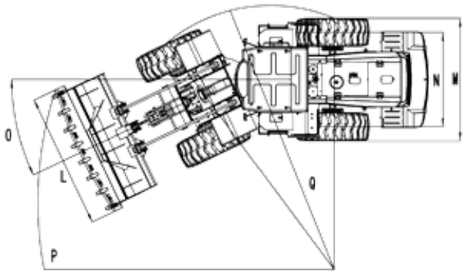
The concept of “visualization” and “maintenance on ground” is adhered to ensure it is easier to maintain the entire machine.

Reinforced oil cylinder is adopted with increased piston rod diameter and imported seals to completely prevent external leakage. The design service life of the oil cylinder is improved by 100%.

Electric system adopts centralized control mode. It is fitted with fuel gauge and engine tachometer and fault information can be displayed on LCD screen.

Main specifications





Item	Specifications
Overall dimension	
LxWxH (AxLxC)	8280x3024x3410 mm
Wheelbase (B)	3300 mm
Min.ground clearance (D)	420 mm
Max.dumping height (E)	3100 mm
Dumping distance (G)	1120 mm
Dumping angle (J)	-45°
Wheel tread (N)	2190 mm
Steering angle (O)	40°
Horizontal crossing radius (P)	6870 mm
Min.turning radius (Q)	5890 mm
Overall parameter	
Bucket capacity	3.2 m³
Rated load	5000 kg
Operating weight	17130 kg
Max.tractive force	⩾ 165 kN
Max.breakout force	⩾ 194kN
Tipping load	⩾ 110 kN
Engine	
Model	WD10G220E21
Type	Inline, water-cooled, dry cylinder liner, direct injection
Rated power	162 kW
Rated speed	2000 r/min
Engine displacement	9726 ml
Cylinder bore/stroke	126/130 mm
Max.torque	980 N.m
Emission standard	GB20891-2007 (stage II)
Min.fuel-consume ratio	215 g/kw.h

Item	Specifications
Transmission system	
Torque converter	Single-stage three-element single-turbine torque converter
Transmission type	Axis-fixed electro-hydraulic transmission
Gears	four forward four reverse
Speed at forward gear I	0 ~ 6.7 km/h
Speed at forward gear II	0 ~ 12.4 km/h
Speed at forward gear III	0 ~ 25.9 km/h
Speed at forward gear IV	0 ~ 38 km/h
Speed at reverse gear I	0 ~ 6.8 km/h
Speed at reverse gear II	0 ~ 12.5 km/h
Speed at reverse gear III	0 ~ 26.1 km/h
Speed at reverse gear IV	0 ~ 38.2 km/h
Hydraulic system of working device	
Type	Hydraulic pilot control
Total time	⩽ 10.0 s
Brake system	
Service brake type	air over hydraulic disc type
Parking brake type	Electric pneumatic caliper disc type
Steering system	
Type	load sensing full hydraulic articulated steering
System pressure	16 MPa
Fill Capacity	
Fuel	300 L
Hydraulic oil	240 L
Engine	20 L
Transmission	28.4/4.7
Drive axle	2×30 L
Braking system	4

*The right of final interpretation of the abovementioned parameters shall be reserved by SDLG. No further notice will be given in case of any change. Illustrations in the text may not always be the standard illustrations for this model.